3. Adjustment

1. Upper Limit Sensor Position

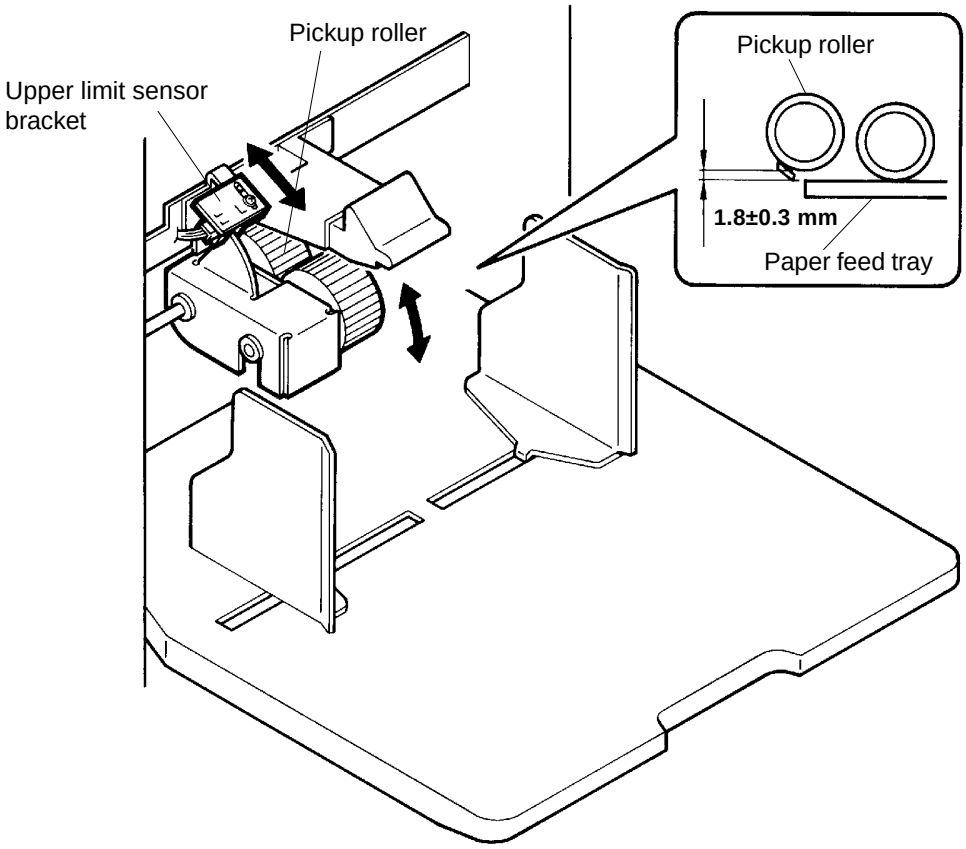
1. Remove paper from the Paper feed tray.
2. Select Test mode **No.102** and press START button to raise the Paper feed tray.
   Press the START button until the tray is all the way up, and then release the button.
3. Measure by the eye the space between the Pickup roller and Paper feed tray.
   Confirm that the space is **1.8 ± 0.3 mm**.
4. If the space is too little or too much, remove the Master disposal box and Master removal lower cover.
5. Loosen the mounting screw of the Upper limit sensor bracket and slide the bracket up or down to adjust the sensor position.
6. Repeat above steps 2, 3 and 5 until correct spacing of **1.8 ± 0.3 mm** is obtained.

Precaution in Adjustment

> Do not confuse the Pickup roller with the Scraper roller when measuring the space.
  The Pickup roller is the one behind the Scraper roller.

Results of Incorrect Adjustment

> If the Upper limit sensor is too high;
the paper feed pressure becomes strong and multiple sheet feeding will occur.
> If the Upper limit sensor is set too low;
the paper feed pressure becomes weak and paper will skip or not feed.



2. First Paper Feed Distance (OFF Timing of Paper Feed Clutch)

If the paper jams or does not feed smoothly due to incorrect amount of paper buckle at the finish of the First paper feed, use Memory SW **No.210** (Test Mode No.210) to adjust the timing of the Paper feed clutch deactivation.

Results of Incorrect Adjustment

> If too much or too little paper buckle is made, the paper does not transfer correctly into the Second paper feed section and may result in paper jamming.

The Drum rotation angle from the time the Paper sensor detects incoming paper until the Paper feed clutch deactivates.

INCREASE →

Memory SW	0	1	2	3	4	5	6	7
Drum Angle (°)	21	22	23	24	25	26	27	28
	8	9	A	B	C	D	E	F
	13	14	15	16	17	18	19	20

← DECREASE